



## Protostorming Rainwear - Teacher Notes

A great STEM activity to get students really thinking is a protostorming session to design and make a raincoat (no pun intended!).

Protostorming is where you give students a wide range of materials and get them to design and make as many prototype models as they can in a short space of time. With older students you would not give them a specific item to make but Kindergarten

students probably need more guidance. The idea is the students come up with lots of different designs and the time constraints tend to stop them from overthinking the design so some amazingly creative

ideas come out. The emphasis is on the quantity of designs they come up with, not the quality of the models they make.



Leading on from the protostorming session, you could have a discussion with the students on the suitability of different materials, thinking about properties such as if they are waterproof,





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flexible, durable, breathable and whether you could use recycled materials. You will be amazed at the fantastic creative ideas that the students come up with.



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